



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Sensor/Actuator cable - SAC-5P-M12MS/5,0-PUR/AD-2L - 1681198

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Sensor/Actuator cable, 5-position, PUR/PVC, Black RAL 9005, Plug straight M12, A-coded, on Valve connector AD (pressure switch), with 2 LEDs, Cable length: 5 m



Key commercial data

Packing unit	1 1
Minimum order quantity	50 1
Weight per Piece (excluding packing)	435.2 GRM
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

Length of cable	5 m
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Ambient conditions

Degree of protection	IP67
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General

Rated current at 40°C	4 A
Rated voltage	24 V
Number of positions	5
Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	2 LEDs
Surge voltage category	II
Pollution degree	3
Insertion/withdrawal cycles	≥ 100

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Technical data

Material

Inflammability class according to UL 94	HB
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Valve plug contact material	CuSn
Valve plug contact surface material	Ag
Valve plug contact insert material	PBT
Material housing valve plug	PBT
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	TPU (Flat gasket valve plug)

Cable

Cable type	PUR halogen-free black
Conductor cross section	0.75 mm ²
AWG signal line	18
Conductor structure signal line	24x 0.20 mm
Wire colors	Black 1, black 2, black 3, black 4, green/yellow
External sheath, color	Black RAL 9005
External cable diameter	7.00 mm
Outer sheath, material	PUR
Material, inner sheath	PVC

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801

ETIM

ETIM 2.0	EC000830
ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001855

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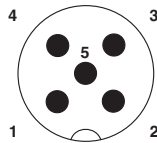
Classifications

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

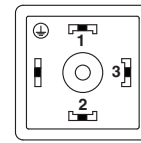
Drawings

Schematic diagram



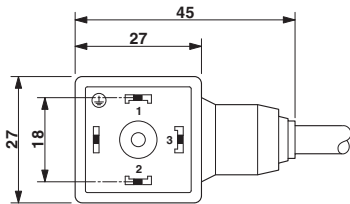
Pin assignment M12 male connector, 5-pos., A-coded, male side

Schematic diagram



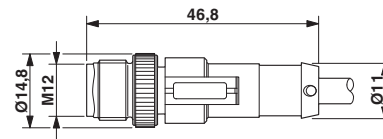
Valve plug connector pin assignment, type AD

Dimensioned drawing



Valve connector, type AD

Dimensioned drawing



M12 x 1 plug, straight